OC 5416

AIRPORT OBSTRUCTION CHART
LAKE TAHOE AIRPORT, SOUTH LAKE TAHOE, CALIFORNIA

NATIONAL OCEAN SERVICE

AIRPORT ELEVATION 6264 FEET

RUNWAY PLAN AND PROFILE

OPERATIONAL DATA

RNWY		RNWY
	Take-off run available	
	Take-off distance available	
	Accelerate stop distance available	
	Landing distance available	

EL. 6264 EL. 6259 EL. 6254 EL. 6251

8544

2037 FT. DISPLACED THRESHOLD

VERTICAL SCALE

PROFILE SCALE
Horizontal ..... 1 inch equals 1000 feet
Vertical ..... 1 inch equals 100 feet

AIRPORT PLAN

North American Datum of 1983 (NAD 83) coordinates may be converted to chart datum coordinates for plotting on this chart by adding the following corrections to the NAD 83 coordinates.

Latitude 00 33"
Longitude –03 64"

These corrections represent a shift of approximately 88 meters (289 feet).

LETTERED OBJECTS
A. OL on Localizer Type Directional Aid 6304
B. Bush 6263
C. Windsock 6267
D. Tree 6292
E. Ground 6284
F. Ground 6262

X = 2,580,000 FT.
Y = 465,000 FT.

best copy available

converted to chart datum coordinates for plotting on this chart by adding the following corrections to the NAD 83 coordinates.

Latitude 00.33"
Longitude −03.64"

These corrections represent a shift of approximately 88 meters (289 feet).

LETTERED OBJECTS
A- OL on Localizer Type Directional Aid 6304
B- Bush 6263
C- Windsock 6267
D- Tree 6292
E- Ground 6284
F- Ground 6262

LIMIT OF HORIZONTAL SURFACE

400 FEET

LIMIT OF CONICAL SURFACE

X = 2,560,000 FT.

Y = 435,000 FT.

SPECIAL NOTES

Fifteen feet added to noninterstate road elevations
Seventeen feet added to interstate road elevations
Twenty three feet added to railroad track elevations
Transitional surface slopes are 7:1 unless otherwise indicated
Obstructing area limits are approximate
Underlined elevations determined photogrammetrically not field checked

AIRPORT OBSTRUCTION CHART

The Airport Obstruction Chart (OC) depicts Federal Aviation Regulations Part 77 (FAR 77) surfaces, a representation of objects that penetrate these surfaces, aircraft movement and apron areas, navigational aids, prominent airport buildings, and a selection of roads and other planimetric detail in the airport vicinity. Also included are tabulations of runway and other operational data.

OC content, format, and accuracy conform to the standards specified in FAR 77, "Objects Affecting Navigable Airspace" and FAA Nr 405, "Specifications — Airport Obstruction Chart and Related Products."

HORIZONTAL SCALE	1:12,000
HORIZONTAL DATUM	North American Datum of 1927
VERTICAL DATUM	National Geodetic Vertical Datum of 1929
PROJECTION	Lambert Conformal Conic
GRID SYSTEM	California State Grid Zone 2

OPERATIONAL DATA

AIRPORT LOCATION POINT LAT. 38° 54' LONG. 120° 00'
AIRPORT REFERENCE POINT LAT. 38° 53' 38.307" LONG. 119° 59' 39.550"

RUNWAY	LATITUDE	LONGITUDE	TDZE	*GEODETIC AZIMUTH
18	38° 54' 19.451"	119° 59' 27.467"	6,254	12° 55' 36"
36	38° 52' 57.162"	119° 59' 51.630"		192° 55' 21"
**36	38° 53' 16.783"	119° 59' 45.870"	6,259	

*Geodetic azimuth reckoned clockwise from south
**Displaced threshold

LEGEND

- Airport Reference Point (ARP)
- Official Airport Elevation
- With elevation - object does not penetrate specified or supplemental surface
- Without elevation - position only
- Object penetrates specified surface
- Wooded area penetrates specified surface
- Ground area penetrates specified surface
- Object penetrates supplemental surface only
- Wooded area penetrates supplemental surface only
- Ground area penetrates supplemental surface only
- Water
- Threshold lights
- Supplemental surface
- ( ) Feet above ground level
- Road(I) Interstate highway
- Road(N) Noninterstate highway
- OL Obstruction Light or Obstruction Lighted

AMENDMENT DATA

DIMENSIONS AND ELEVATIONS ARE IN FEET

Surveyed and compiled by the National Ocean Service (NOS), U.S. Department of Commerce in accordance with specifications and standards of accuracy of the Federal Aviation Administration, Department of Transportation and NOS.

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